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(21)Application number : 01-340548 (71)Applicant : SEKISUI CHEM CO LTD

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(54) PURIFICATION OF WATER-SOLUBLE POLYVINYL ACETAL

(57)Abstract:

PURPOSE: To remove effectively inorganic ions as impurities from a water-soluble polyvinyl acetal by heating an aqueous solution of the acetal to form a concentrated aqueous solution layer of the acetal and a water layer and separating this water layer.

CONSTITUTION: An aqueous solution containing a water-soluble polyvinyl acetal is heated to form a concentrated aqueous solution layer of this acetal and a water layer, and this water layer is separated from the concentrated aqueous solution layer. The above process is suitable for the purification of an aqueous solution of polyvinyl acetal of a resin concentration of 20wt.% or less. The heating temperature of the aqueous solution is in the range of usually about 50-100° C, preferably 80-100° C.

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